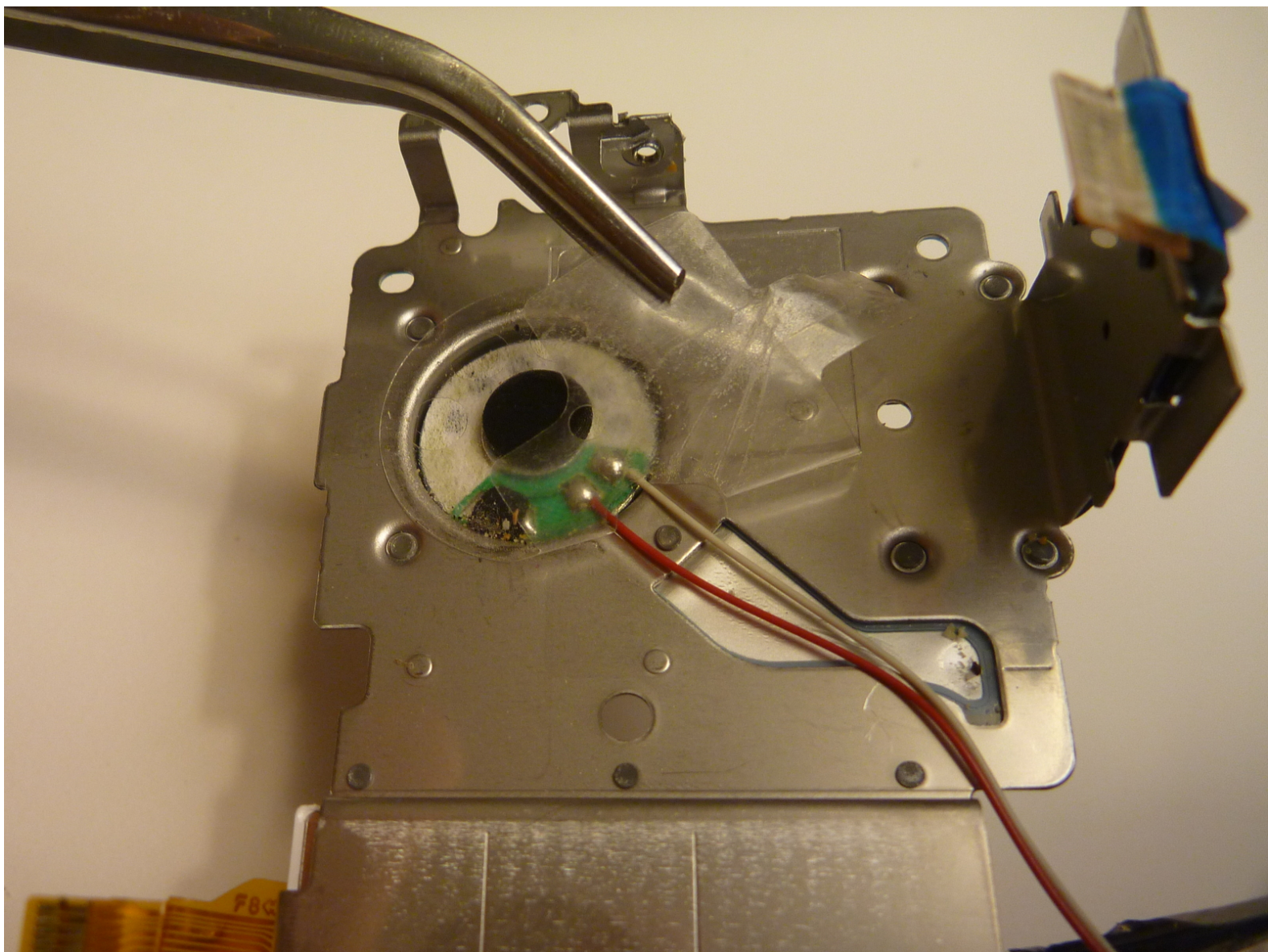




# Olympus D590 Speaker and Microphone Replacement

Written By: Joshua



## INTRODUCTION

This Guide will give step-by-step instructions on how to install a microphone and speaker system into the Olympus D590 camera.

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### TOOLS:

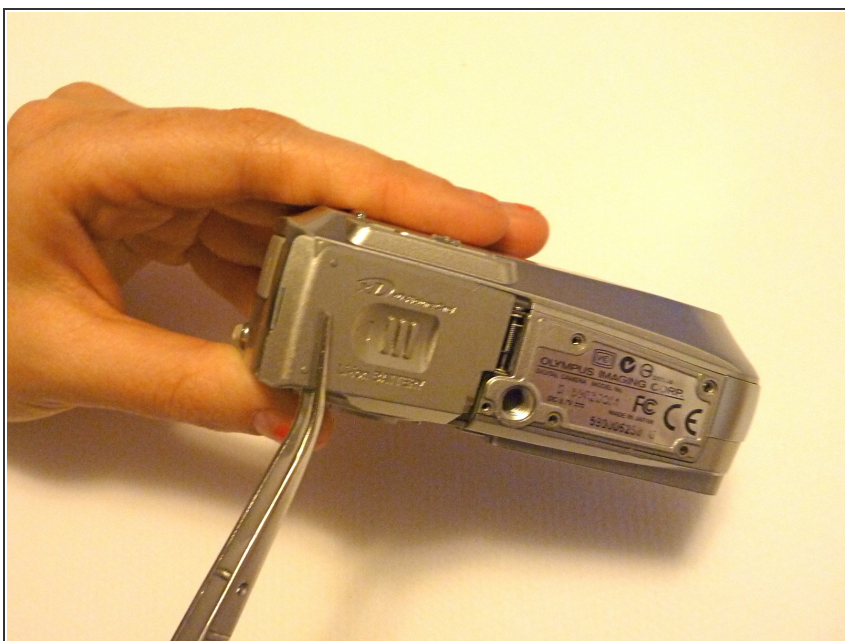
- [Phillips #00 Screwdriver](#) (1)
  - [Flathead 3/32" or 2.5 mm Screwdriver](#) (1)
  - [Tweezers](#) (1)
-

## Step 1 — Face Plate



- Flip camera so you are looking at the bottom.
- Unscrew all 5 base plate screws.

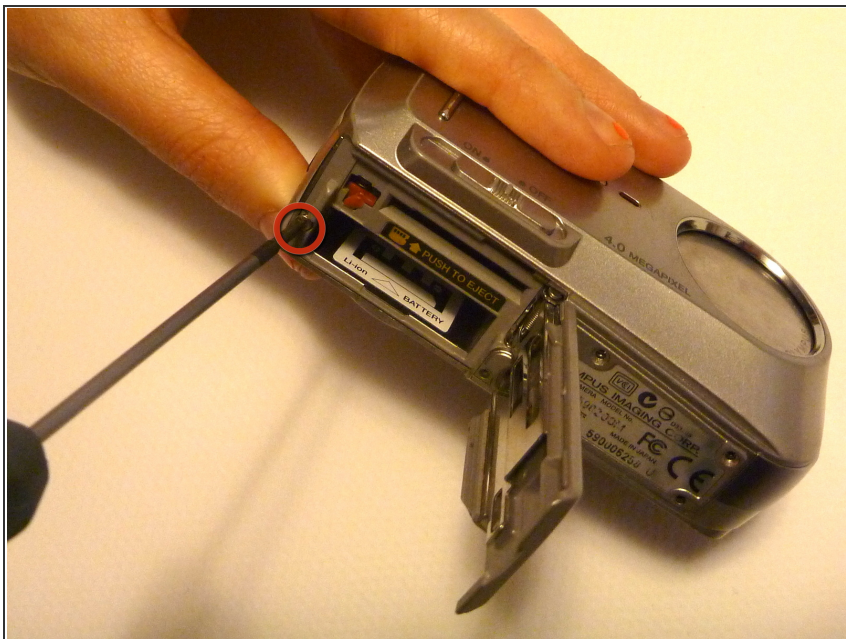
## Step 2



- Lift open retainer clip by sliding the clip to the left and letting the clip pop up.

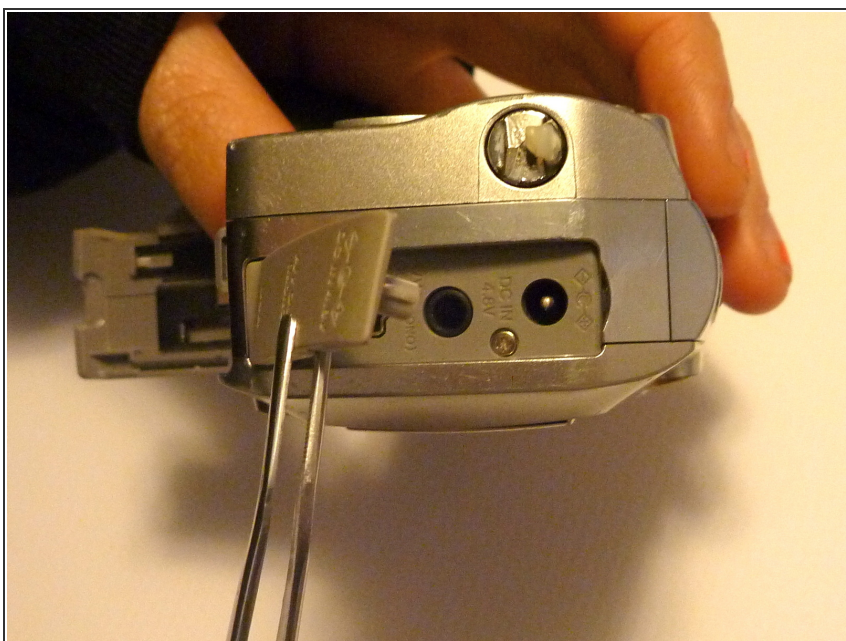


### Step 3



- Unscrew 1 screw located next to the battery slot.

### Step 4



- Turn the camera so the USB, AV and DC in/out rubber plate it facing you.
- Lift the rubber plate exposing the ports beneath.

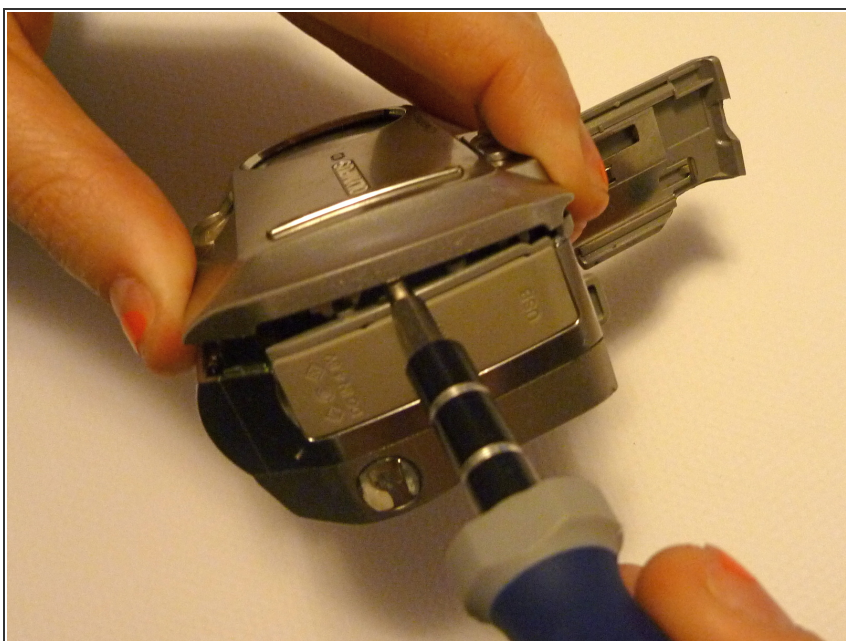


## Step 5



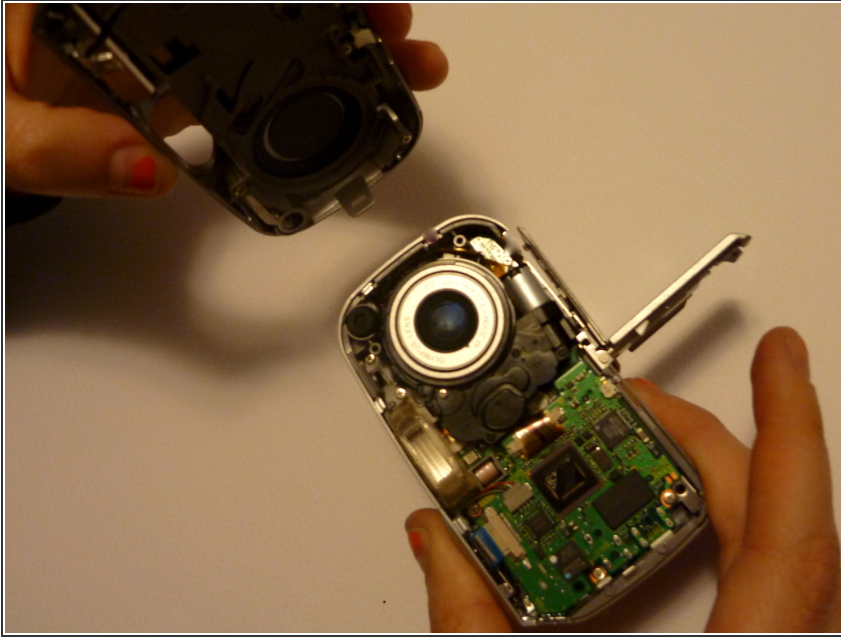
- Unscrew the 2 screws next to the USB and AC ports.

## Step 6



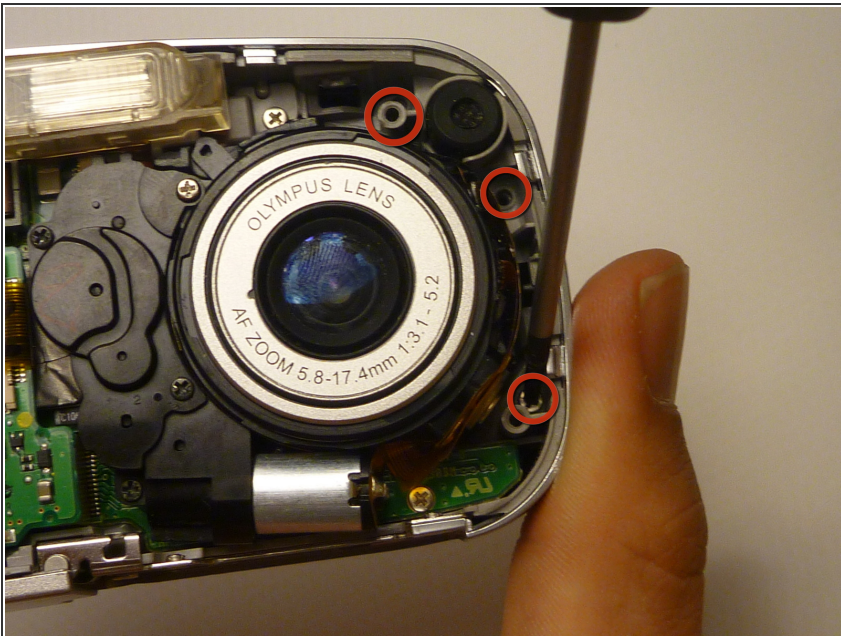
- Use a flathead screwdriver or another flat opening tool to pry the faceplate from the whole device.

## Step 7



- Pull off the faceplate revealing the inside of the camera.
- Be careful because there is a connector that goes from the faceplate to the motherboard and if that line disconnects the camera will not power on through the on and off switch anymore.

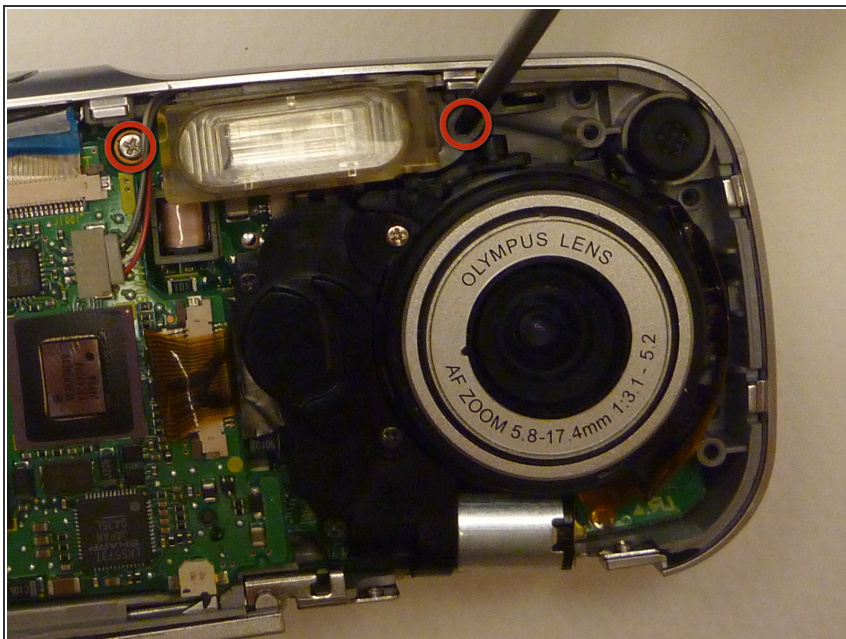
## Step 8 — Backplate



- Use a phillips head screwdriver to remove the 3 screws highlighted in the picture.



## Step 9



- Unscrew the 2 screws located on either side of the flash.

## Step 10



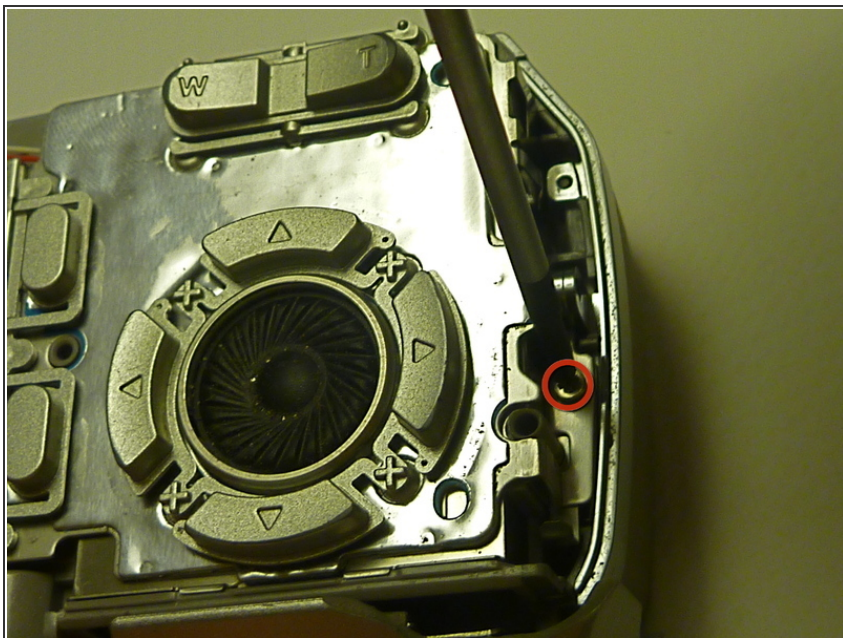
- Get a flathead screwdriver or an iPod opening tool (both are shown in this picture).
- Carefully pry off the blackplate from the remaining part of the camera.

## Step 11



- Pull the backplate off.

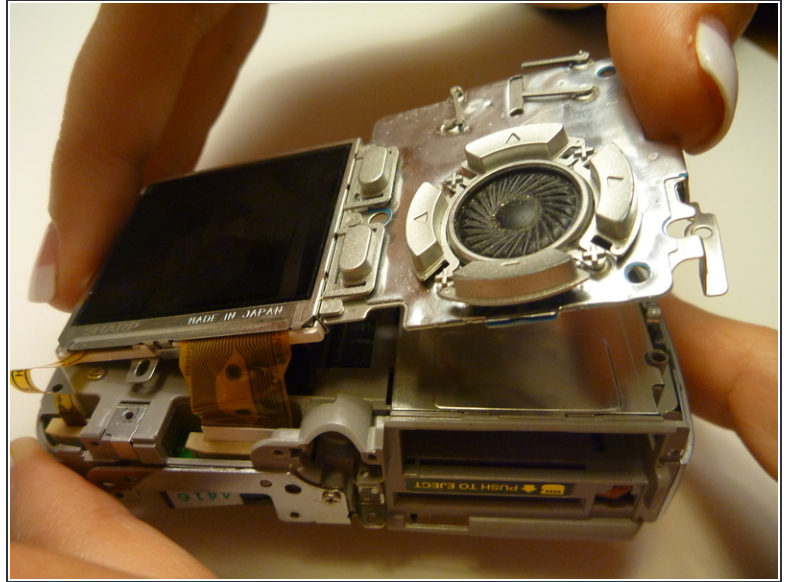
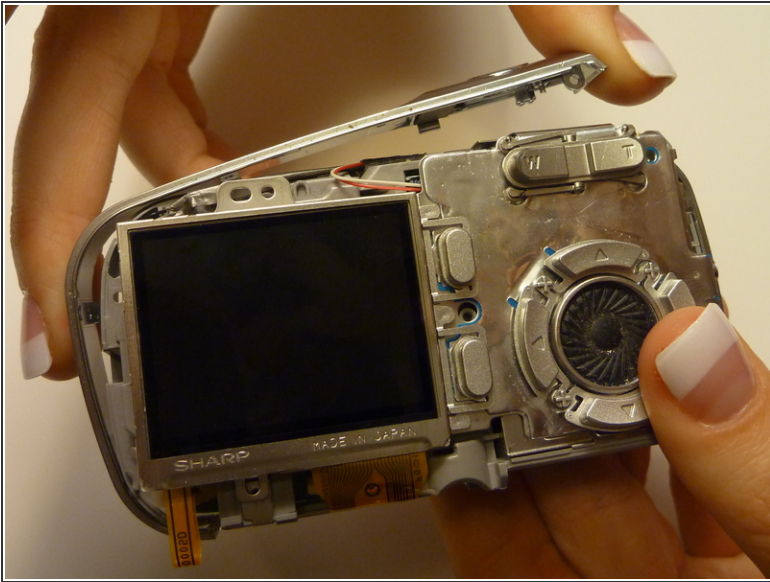
## Step 12 — LCD screen



- Unscrew 1 screw from LCD screen.

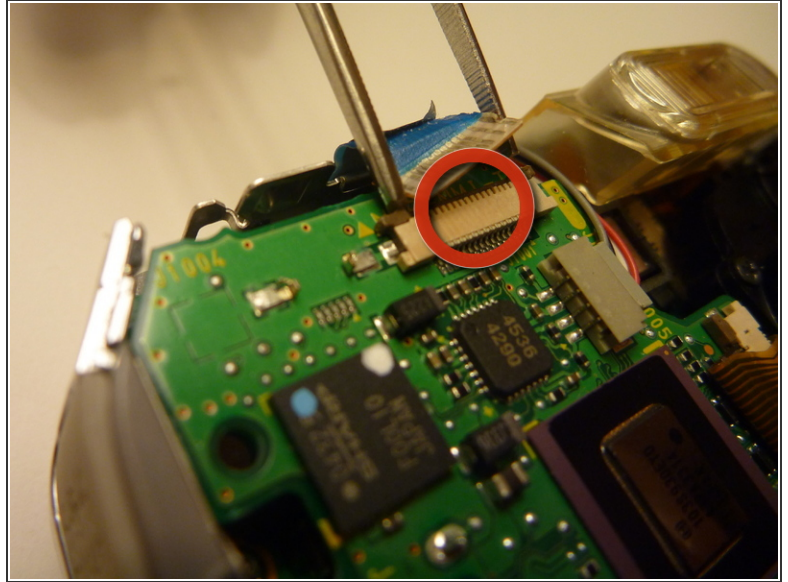
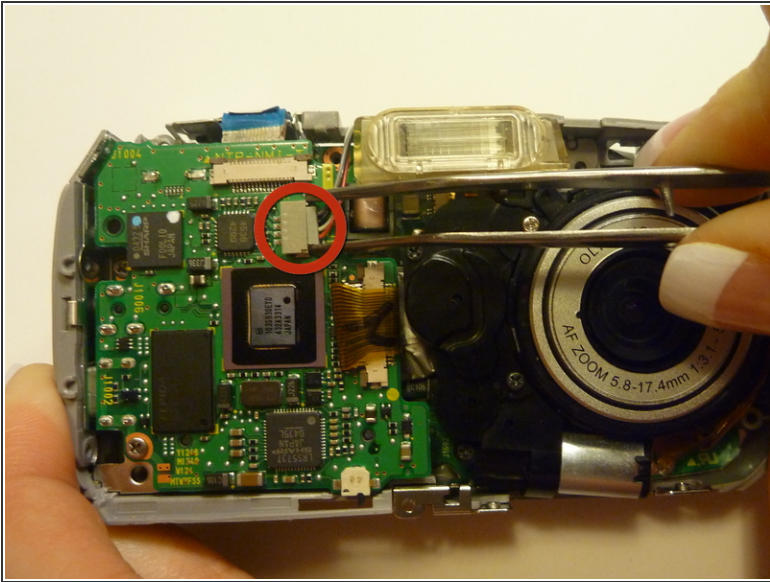


## Step 13



- Remove the side panel by sliding it off the body of the camera.
- Lift the camera NO MORE than 3cm to make sure all screws have been taken off.

## Step 14

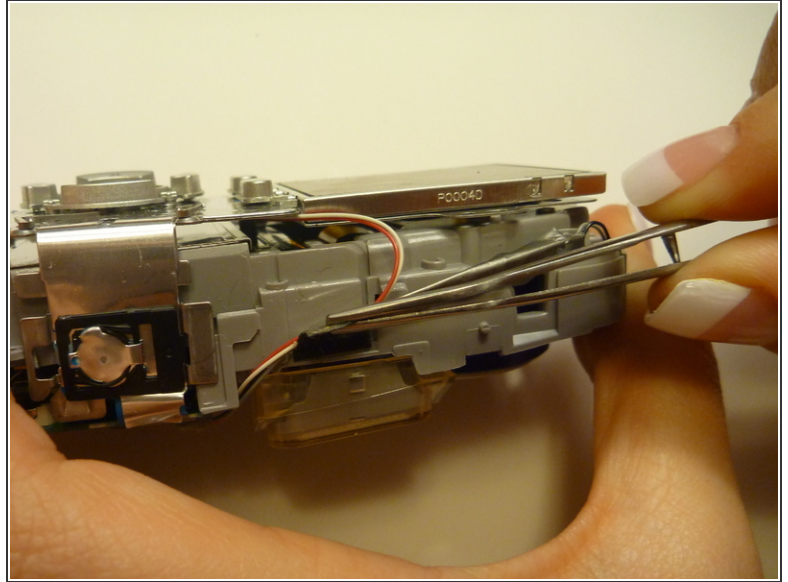
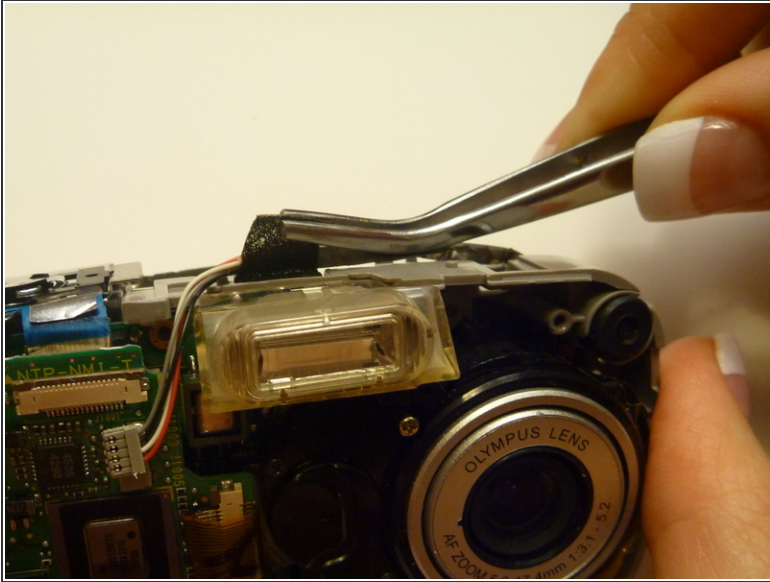


- Flip camera so you are looking at the front.
- Remove gray and blue wiring with tweezers by gently wiggling and pulling.

⚠ Be careful not to rip the wiring tape with the tweezers.

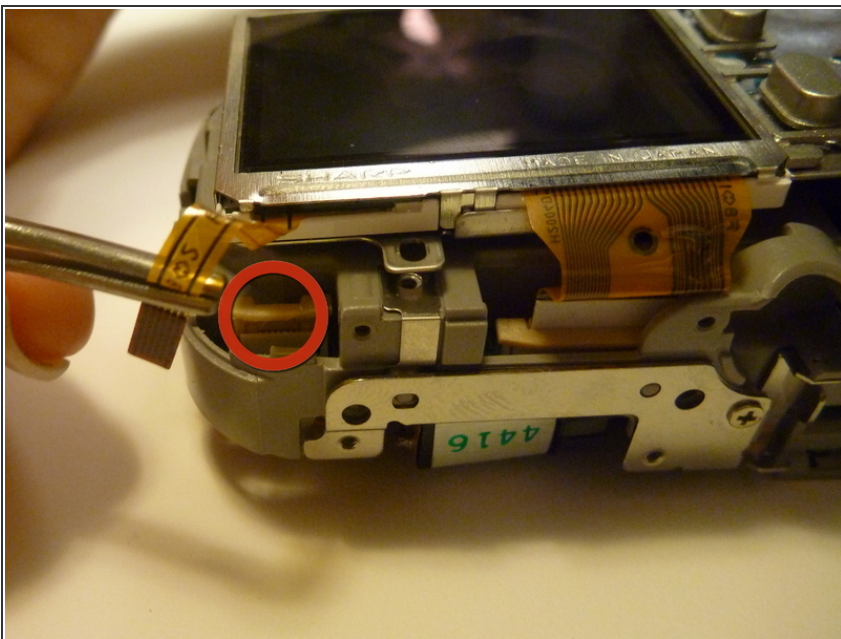


## Step 15



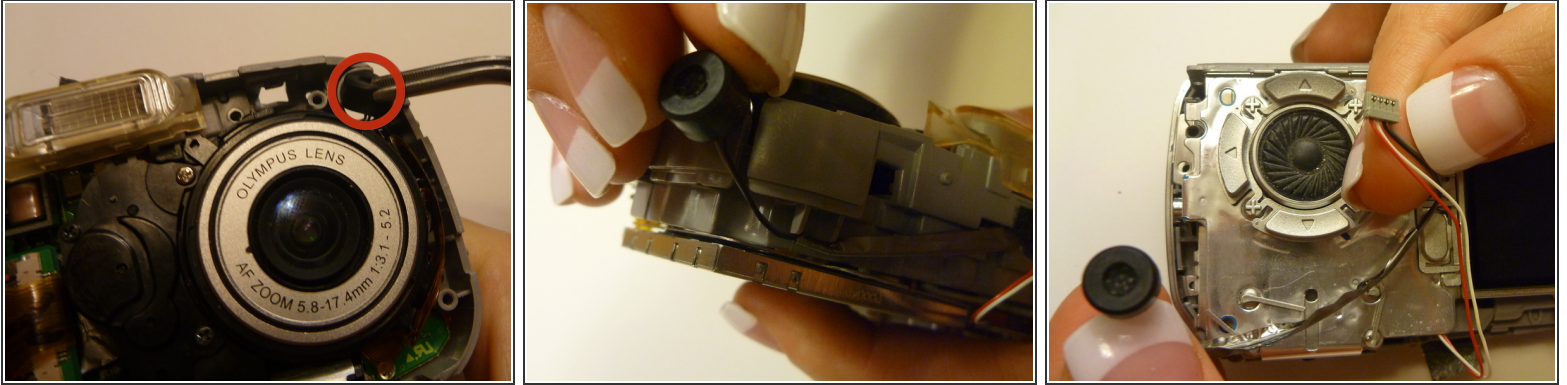
- Locate the tape securing the wiring with the gray end piece located on top of the camera.
- Gently lift the tape till all wires are exposed.

## Step 16



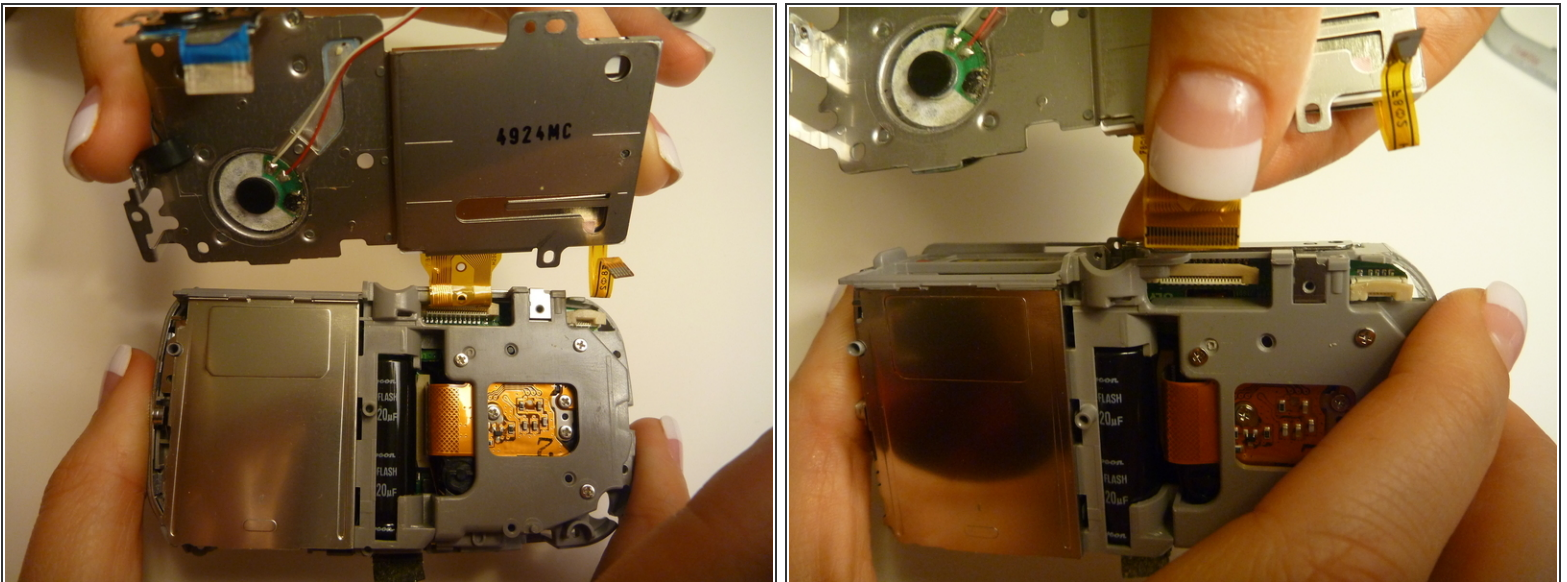
- Flip Camera to the bottom side as shown.
- Pull and wriggle the thin yellow wiring tape to detach it from the rest of the camera, while leaving it attached to the LCD screen.

## Step 17



- Flip camera so the front is facing you.
- Locate speaker in upper right hand corner.
- Gently lift with tweasers.
- Feed wiring through designated spot so that it is no longer connected to the camera.

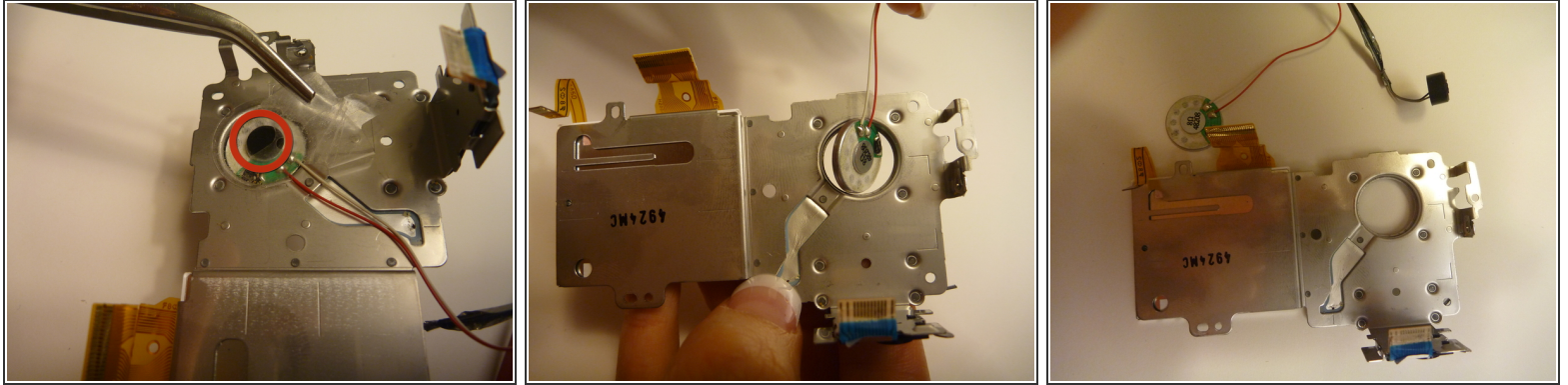
## Step 18



- Lift the LCD screen so the thick yellow wiring is the only thing attaching the LCD screen to the camera.
- Gently pull the thick yellow wiring out by using the forefinger and thumb.



## Step 19 — Speaker and Microphone



- Locate speaker on the back of the LCD screen.
- Remove the tape holding the speaker down by lifing with tweezers.
- Remove speaker from holding dock.

To reassemble your device, follow these instructions in reverse order.

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